

Title (en)

Method and apparatus for secure data management, secure data retrieval and routing

Title (de)

Verfahren und Gerät für gesicherte Datenverwaltung, gesicherte Datenwiederauffindung und Weiterleiten

Title (fr)

Procédé et appareil pour la gestion, l'extraction, et le routage sécurisés de données

Publication

EP 1335558 A1 20030813 (EN)

Application

EP 02405078 A 20020206

Priority

EP 02405078 A 20020206

Abstract (en)

The invention relates to a method, an apparatus and a system for secure data management, secure data retrieval and routing over unsecured and unreliable data channels, using a public key infrastructure. A requestor (4) sends a request message requesting information on an individual (6) to the inventive apparatus, the Secure Information Request Broker unit SIRB . The SIRB , upon receipt of the request message and an authorisation of the individual (6) itself or another authorised approver, sends the request message to at least one data repository (3) known to store the requested data. The data repository (3) checks the request message and formulates an answer message which is sent back to the SIRB (2) and forwarded by the SIRB (2) to the requestor (4). The messages exchanged between the different modules are each digitally signed by the module sending the message and encrypted for the intended direct and indirect recipient. <IMAGE>

IPC 1-7

H04L 29/06

IPC 8 full level

H04L 29/06 (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)

H04L 63/0442 (2013.01); **H04L 63/10** (2013.01); **H04L 63/126** (2013.01); **H04L 69/329** (2013.01)

Citation (search report)

- [XY] WO 9941888 A1 19990819 - SECURE COMPUTING CORP [US]
- [Y] WO 0069140 A1 20001116 - ERICSSON TELEFON AB L M [SE]
- [XY] US 2001047471 A1 20011129 - JOHNSON R BRENT [US]
- [X] EP 1051009 A1 20001108 - CIT ALCATEL [FR]
- [A] TANENBAUM A S: "COMPUTER NETWORK", COMPUTER NETWORKS, LONDON: PRENTICE-HALL INTERNATIONAL, GB, 1996, pages 595 - 618, XP002925014, ISBN: 0-13-394248-1

Cited by

CN112243008A; US7587197B2; WO2007108826A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1335558 A1 20030813

DOCDB simple family (application)

EP 02405078 A 20020206